

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS:	Wang et al	GROUP ART UNIT:	Not Yet Assigned
U.S.S.N.:	Not Yet Assigned	EXAMINER:	Not Yet Assigned
FILING DATE:	June 27, 2003		
TITLE:	MANAGEMENT FOR REPLICATION OF DATA STORED IN A DATA STORAGE ENVIRONMENT INCLUDING A SYSTEM AND METHOD FOR FAILOVER PROTECTION OF SOFTWARE AGENTS OPERATING IN THE ENVIRONMENT		

21909 U.S. PTO
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06/27/03

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Date: 6/27/03

By: Linda Valanzola

Print Name: Linda Valanzola

UTILITY PATENT APPLICATION TRANSMITTAL

Mail Stop PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing is a patent application entitled:

MANAGEMENT FOR REPLICATION OF DATA STORED IN A DATA STORAGE ENVIRONMENT INCLUDING A SYSTEM AND METHOD FOR FAILOVER PROTECTION OF SOFTWARE AGENTS OPERATING IN THE ENVIRONMENT

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Named Inventor(s) / Inventor Address(es) / Inventor Citizenship(s):

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Citizenship:	USA

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Residence:	9 High Ridge Road, Shrewsbury, MA 01545
Citizenship:	USA

Enclosed are:

- [x] Transmittal Letter (this form, 3 Pages, IN DUPLICATE) Total Pages: 6;
- [x] Utility Patent Application Specification including Cover Sheet, Title of the Invention, Background of the Invention, Summary of the Invention, Brief Description of the Drawings, Detailed Description, Claims (13 Independent, 4 dependent), Abstract of the Disclosure, Total Pages: 76
- [x] Drawings: [x] Formal, [] Informal (Figs: 1-27), Total Sheets: 30;
- [x] Assignment and Recordation Cover Sheet (IN DUPLICATE), Total Pages: 5
- [x] Declaration and Power of Attorney, Total Pages: 3
- [x] Request and Certification Under 35 U.S.C. 122(b)(2)(B)(I); Total Sheets: 1;
- [x] Return Receipt Postage Pre-paid Postcard;
- [x] Authorization to charge deposit account; with fee amounts calculated as follows:

CLAIMS	Number Filed	Number Extra	Rate	Calculations
Total Claims	17- 20 =	0	x \$18	\$.00
Independent Claims	4- 3 =	1	x \$80	\$80.00
Multiple Independent Claims			+ 270 =	0
BASIC FILING FEE =				\$750.00
Total of Above Calculations =				\$830.00
Assignment Recordation Fee =				\$40.00
TOTAL FEE FOR THIS PATENT APPLICATION =				<u>\$870.00</u>

Please direct all telephone calls and address all correspondence to:

Robert Kevin Perkins
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Please charge any fees associated with this transaction to Deposit Account No. 05-0889.

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If the enclosed papers or fees are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned collect at (508) 435-1000 Ext. 76985, in Hopkinton, Massachusetts.

Respectfully submitted,

Dated: June 27, 2003
June 27, 2003 (RKP)

By: Robert Kevin Perkins
Robert Kevin Perkins, Esq.
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**NONPUBLICATION REQUEST
UNDER
35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor

Yao Wang

Title

**Management for Replicati n of Data
Storage Envir nment Including...**

Attorney Docket Number

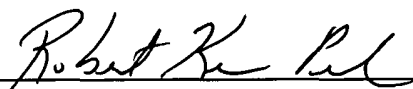
EMC-01-141CIP2

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

June 27, 2003

Date



Signature

508-293-6985

Telephone number

Robert Kevin Perkins

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

This collection of information is required by 37 CFR 1.213(a). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.